The American Journal of Surgery

PUBLISHED MONTHLY BY THE AMERICAN JOURNAL OF SURGERY, INC.

49 WEST 45TH STREET, NEW YORK, N. Y.

Editor: THURSTON SCOTT WELTON, M.D., F.A.C.S., NEW YORK

EDITORIAL BOARD

DONALD C. BALFOUR, *Rochester, Minn.*; CARL BECK, *Chicago*; GEO. R. BRIGHTON, *N.Y.*; MEREDITH F. CAMPBELL, *N.Y.*; JAMES T. CASE, *Chicago*; ISIDORE COHN, *N.O.*; BRADLEY L. COLEY, *N.Y.*; FREDERICK A. COLLER, *Ann Arbor*; GEORGE W. CRILE, *Clev.*; ELLIOTT C. CUTLER, *Boston*; ROBERT V. DAY, *Los Angeles*; CHARLES A. ELSBERG, *N.Y.*; HERBERT C. FETT, *Brooklyn*; C. R. G. FORRESTER, *Chicago*; H. DAWSON FURNISS, *N.Y.*; JOHN H. GIBBON, *Phila.*; EMIL GOETSCH, *Brooklyn*; CHARLES A. GORDON, *Brooklyn*; DONALD GUTHRIE, *Sayre, Pa.*; A. E. HERTZLER, *Kansas City*; LOUIS J. HIRSCHMAN, *Detroit*; J. M. HITZROT, *N.Y.*; FREDERICK C. HOLDEN, *N.Y.*; EMILE F. HOLMAN, *San Francisco*; J. A. HYAMS, *N.Y.*; R. H. JACKSON, *Madison*; JOHN E. JENNINGS, *Brooklyn*; W. L. KELLER, *Washington*; HOWARD A. KELLY, *Baltimore*; T. J. KIRWIN, *N.Y.*; ARTHUR KRIDA, *N.Y.*; A. V. S. LAMBERT, *N.Y.*; MAURICE LENZ, *N.Y.*; H. H. M. LYLE, *N.Y.*; JEROME M. LYNCH, *N.Y.*; URBAN MAES, *N.O.*; HARRISON S. MARTLAND, *Newark, N.J.*; RUDOLPH MATAS, *N.O.*; ROY D. MCCLURE, *Detroit*; H. C. NAFFZIGER, *San Francisco*; CLARENCE R. O'CROWLEY, *Newark, N.J.*; LOUIS E. PHANEUF, *Boston*; EUGENE H. POOL, *N.Y.*; DOUGLAS QUICK, *N.Y.*; N. P. RATHBUN, *Brooklyn*; HUBERT A. ROYSTER, *Raleigh*; HENRY S. RUTH, *Phila.*; A. C. SCOTT, *Temple, Tex.*; M. G. SEELIG, *St. Louis*; J. BENTLEY SQUIER, *N.Y.*; H. J. STANDER, *N.Y.*; GEORGE W. SWIFT, *Seattle*; H. L. UPDEGRAFF, *Los Angeles*; GRANT E. WARD, *Balt.*; J. H. WOOLSEY, *San Francisco*.

Foreign Collaborators—GREAT BRITAIN—J. H. WATSON, *Burnley*. FRANCE—G. JEANNENEY, *Bordeaux*. ITALY—R. BASTIANELLI, *Rome*.

NEW SERIES, VOLUME XXXVI

APRIL TO JUNE

1937

THE AMERICAN JOURNAL OF SURGERY, INC., PUBLISHERS

NEW YORK MCMXXXVII

COPYRIGHT, 1937
BY THE AMERICAN JOURNAL OF SURGERY, INC.
All Rights Reserved

Printed in the United States of America

CONTENTS OF NEW SERIES, VOLUME XXXVI

ORIGINAL ARTICLES

Wounds and Their Complications	*W. Wayne Babcock*	3
Treatment of Open Infected Wounds	*Henry S. F. Cooper*	11
Michel Clips in Skin Coaptation	*Thurston Welton*	14
Bedsores (Decubitus)	*Manuel G. Spiesman*	17
Gas Gangrene	*Phil Thorek*	22
Blood Transfusion	*John M. Scannell*	26
Intravenous Infusions	*Henry C. Falk*	31
Acute Lymphangitis	*William A. Steel*	37
Human Bites	*Edward P. Dunn*	44
New Method for Transfer of Full-thickness Skin: Grille Graft	*G. Frank Sammis*	46
Burns	*Walter A. Coakley*	50
Treatment of Burns with Brilliant Green	*Joseph K. Narat*	54
Infections of Head	*Reynold Erskine Church*	57
Malignant Tumors of Head	*George A. Wyeth*	63
Angiomata of Skeletal Muscle	*H. B. Thomas*, *F. W. Hark*	69
Infections of Neck	*Denver M. Vickers*	73
Fractures of Nose	*Joseph D. Kelly*	77
Fractures of Mandible and Maxilla	*Fred Squier Dunn*	83
Facial Scars	*Claire L. Straith*	88
Concealment of Scars	*Joseph A. Tamerin*	91
Styes	*Edward J. Bassen*	93
Cinders and Splinters	*Howard L. Updegraff*	94
Foreign Bodies in External Auditory Canal	*Harry Rosenwasser*	96
Incisions of Drum Membrane in Otitis Media	*Joseph G. Druss*	102
Treatment of Boils and Carbuncles	*Donald Gordon*	107
Furuncle of Upper Lip	*Gerald H. Pratt*	118
Salivary Fistula	*Dean Curtis*	122
Acute Pyogenic Parotiditis	*John Henderson*	125
Wens	*Frank N. Dealy*	132
Moles, Warts and Keloids	*Joseph L. Morse*	137
Benign Tumors of Back	*Richard J. Weiskittel*	145
Hemorrhage Following Tonsillectomy	*Mervin C. Myerson*	151
Peritonsillar Abscess	*Charles Reed Weeth*	159
Acute Retention of Urine	*Clarence G. Bandler*, *Arthur H. Milbert*	162
Circumcision: Simplified Anatomical Technique	*Richard Torpin*	172
Phymosis and Paraphymosis: Circumcision; Dorsal Slit; Constriction of Male Meatus	*Edgar G. Ballenger*, *Omar F. Elder*, *Harold P. McDonald*	174
Urethral Caruncle	*Edward L. Kickham*	178
Treatment of Specific Urethritis—New Modality	*Alvin C. Drummond*	180
Diagnosis and Treatment of Stricture of Male Urethra	*Joseph A. Hyams*	189

Removal of Foreign Bodies from Urethra and Bladder	*Howard S. Jeck*	197
Hydrocele and Varicocele: Operative and Injection Treatment	*Lloyd B. Greene*	204
Vas Deferens: Operative Treatment	*Simon A. Beisler*	213
Office Treatment of Bartholin's Gland Abscess or Cyst	*Albert Mathieu*	219
Imperforate Hymen	*Maurice O. Belson*	221
Biopsy of Uterine Cervix	*Louis E. Phaneuf*	226
Application of Radium in Carcinoma of Uterine Cervix	*Frederick Emil Neef*	231
Pathology and Office Treatment of Chronic Endocervicitis	*Harvey Burleson Matthews*	233
Cervical Polyp	*Roy J. Heffernan*	239
Congenital Abnormalities of Rectum	*Jerome Moreley Lynch*, *G. Johnson Hamilton*	240
Fissure-in-Ano	*Edward Levy*	244
Cryptitis	*E. Rapoport*	249
Hemorrhoids	*C. Naunton Morgan*	252
Injection Treatment of Internal Hemorrhoids	*Vincent Hurley*	259
Pruritis Ani	*Max P. Cowett*	262
Foreign Bodies in Rectum	*Jerome Wagner*	266
Pilonidal Cysts: Excision and Primary Suture in Ambulatory Patients	*L. K. Ferguson*, *Paul M. Mecray*	270
Ischiorectal Abscess	*S. Judd Bochner*	279
Rupture of Muscles and Tendons	*Joseph L. DeCourcy*	283
Plaster-of-Paris	*Herbert C. Fett*	288
Use of Adhesive in Orthopedic Practice	*H. H. Wescott*	290
Use of Unpadded Plaster in Treatment of Fractures	*Charles B. Mabry*	292
Minor Surgery of Spine	*Robert L. Preston*	298
Fractures of Coccyx and Coccygodynia	*John C. McCauley*	303
Fractures of Ribs	*Lester Breidenbach*	308
Pathology and Treatment of Ganglion	*Ralph H. De Orsay*, *Paul M. Mecray*, *L. Kraeer Ferguson*	313
Colles's Fracture	*Andrew R. MacAusland*	320
First Aid Treatment of Fracture of Femur and Hip	*John H. Mulholland*	323
Office Surgical Treatment of Injuries of the Knee	*Robert M. Toll*	328
Treatment of Hallux Valgus (Bunion)	*W. P. Armstrong, Jr.*	332
Treatment of Congenital Talipes Equinovarus (Clubfoot)	*James Graham*	339
Ingrown Toe-nail	*J. J. Kirschenmann*	349
Hammer-toe and Claw Foot	*Kenneth H. Schnepp*	351
Simple Treatment for Puncture Wounds	*E. G. Festerling*	360
Paronychia	*G. Mason Astley*	362
Felon (Whitlow)	*James Norman Coombs*	366
Frost-bite: Treatment by Passive Vascular Exercise	*Hugh L. Murphy*	370

Hand Infections: Office Treatment	*Alfred H. Iason*	376
Removal of Fish Hook Embedded in Finger	*Charles C. Murphy*	384
Polydactylism	*Horace E. Turner*	385
Treatment of Varicose Veins and Ulcers	*Robert F. Barber*	386
Clinical Comparison of Sclerosing Solutions in Injection Treatment of Varicose Veins	*Adolph A. Schmier*	389
Ambulatory Saphenous Ligation	*Stuart Z. Hawkes*, *Irving P. Borsher*	398
Artificial Pneumothorax	*Edgar Mayer*, *Martin Dworkin*	403
Useful Artificial Feeding Formula	*Gurn Stout*	412
Operating Room Signals	*Howard L. Updegraff*	414
Book Reviews		416
Maternal Mortality and Obstetric Conscience	*Charles A. Gordon*	418
Total Thyroidectomy in Angina Pectoris and Congestive Failure	*Morris Dinnerstein*, *Carnes Weeks*, *I. Ogden Woodruff*, *Albert R. Tilley*	421
The Truss in Relationship to Diagnosis and Injection Treatment of Inguinal Hernia	*Franklin I. Harris*, *Alfred S. White*	443
Foreign Bodies in Tracheobronchial Tree	*Morris S. Bender*, *Max L. Som*	462
Insertion of Smith-Petersen Nail for Intracapsular Fractures of Neck of Femur	*J. Albert Key*	466
Local Application of Cod-liver Oil in Skin Ulcerations	*Ervin Epstein*	472
Lymphosarcoma of Stomach: Clinical and Roentgenological Aspects	*S. D. Zaph*, *Harry A. Olin*, *J. D. Kirshbaum*	476
Treatment of Abortion	*Morris Glass*	487
Hyperemesis Gravidarum	*Fred. A. Kassebohm*, *Milton J. Schreiber*	491
Helpful Drug in Treatment of Tuberculosis of Urinary Bladder	*John T. Bate*	500
Morbidity and Mortality Following Operations on Biliary Tract	*Calvin M. Smyth, Jr.*, *James B. Mason*	505
Chronic Painful Conditions Amenable to Relief by Intraspinal (Subarachnoid) Injection of Alcohol	*Elias Lincoln Stern*	509
Traumatic Injury of Abdomen with Extensive Damage to Colon and Small Bowel	*D. C. Donald*	514
Stab Wound of Heart, Right Ventricle	*Walter D. Ludlum, Jr.*, *Abraham Katz*	520
Mucocele of Appendix with Pseudomucinous Degeneration	*C. Hiram Weaver*	523
Gastrojejunocolic Fistula	*Adolph Von Prief Fardelmann*	527
Sympathectomy for Hirschsprung's Disease and Polyposis	*Claude E. McCarty*	531
Combined Roengenotherapy and Ultra-short Wave	*Isidore Arons*, *Boris Sokoloff*	533

A New Instrument and Technique for Intestinal Anastomoses	*John R. O'Sullivan*, *Bernard A. O'Connor*	544
Heater for Intravenous Solutions	*Joseph K. Narat*	550
Some Aids in Treatment of Compound Fractures	*Herman Charache*	551
Sketch of the Evolution of American Orthopedic Surgery	*Royal Whitman*	553
Chapter v. Fibroids (Third Installment)	*Henry C. Falk*	558
Dangers of Roentgenoscopy and Methods of Protection	*Clyde A. Stevenson*, *Eugene T. Leddy*, *Arthur U. Desjardins*	603
Mammographic Recognition of Intracystic Papilloma of Breast	*N. Frederick Hicken*, *R. Russell Best*, *J. P. Tollman*	611
Lynch's Simplification of Perineal Excision of Rectum	*Jerome M. Lynch*, *G. Johnson Hamilton*	618
Simple Technique for Cecostomy	*R. W. McNealy*, *Manuel E. Lichtenstein*	620
Shock	*L. M. Boyers*	623
Rupture of Bladder and Urethra	*George F. Cahill*	653
Subacute Perforations of Peptic Ulcers	*Arthur M. Dickinson*	663
Inframural Gastrostomy	*A. L. Soresi*	668
Use of Pitressin for Control and Relief of Distention	*W. D. Frazier*	672
Malunited Fractures of Lower End of Humerus	*A. R. Shands*	679
Pulmonary Embolism	*Arthur Bowen*	694
Pregnancy in Rudimentary Horn of Bicornuate Uterus	*Sanford Kaminester*	700
Epigastric Hernia Causing Severe Symptoms	*M. R. Charlton*	703
Volvulus of Right Colon and Meckel's Diverticulum	*Adolph A. Walkling*	705
Acute Regional (Terminal) Ileitis	*Thomas J. Ryan*	708
Studies of the Natural History of Genitourinary Tumors. 1: Primary Cancer of Ureter	*Judson B. Gilbert*	711
Hydronephrosis Due to Ball-valve Obstruction from Bullet Lying Free in Renal Pelvis	*James A. H. Magoun*	717
Plastic Restoration for Loss of All Fingers of Both Hands	*S. L. Haas*	720
Blank Cartridge Cannon Shot Wound of Leg	*Herbert Willy Meyer*	724
Intestinal Prolapse through Enterostomy Following Rammstedt Operation	*Joseph K. Narat*	729
Mechanical Holder for Retractors in Neurosurgery	*Wallace B. Hamby*	732
New Instrument for Intestinal Anastomosis	*Frank Glenn*	734
Device for Tightening Wire for Bone Fixation	*John A. Caldwell*	736
The Kut-Klamp: A New Surgical Instrument Which Simultaneously Cuts and Retains a Suture	*David I. Solomon*	737
The Life and Times of Thomas Sydenham	*N. P. Rathbun*	739
Book Reviews		745
Practical Clinical Gynecology (Fourth Installment	*Henry C. Falk*	748